

REMARKS

The Office Action of September 7, 2005 has been received and its contents carefully considered. A Request For Continued Examination is being filed concurrently to relieve this application of its finally rejected status.

The present Amendment forwards replacement drawings for Figures 6-9. New reference numbers have been added in the replacement drawings. The present Amendment also revises the specification to mention the new reference numbers. In addition, the present Amendment revises several claims, cancels other claims, and adds new claims to further protect the invention

Claims 1-17 have been rejected under 35 U.S.C. 102(e) as being anticipated by patent 6,831,781 to Wei et al (hereafter simply "Wei"). The Office Action indicates that "Wei also discloses a second color filter (244) on the inner side of the second substrate (220), a common electrode (246) on the color filter (244) and a liquid crystal layer (230) between the first and the second substrates."

Amended Claim 1 recites (with emphasis added):

1. A transflective liquid crystal display device, comprising:
 - a first substrate and a second substrate opposite thereto, wherein the first substrate comprises a first color region, a second color region and a third color region;
 - a first color filter on the first substrate, wherein the first color filter comprises:
 - a **first color** pattern comprising a first color major portion in the first color region, and first color bumps in the second color region and the third color region;
 - a **second color** pattern comprising a second color major portion covering the first color bumps in the second color region to have an uneven surface, and second color bumps on the major portion of the first color pattern in the first color region;

- a **third color** pattern covering the first color bumps in the third color region to have an uneven surface;
- a reflective electrode on the first color filter, wherein the reflective electrode has at least one opaque portion and at least one transparent portion;
- a second color filter on an inner side of the second substrate;
- a common electrode on the second color filter; and
- a liquid crystal layer between the first substrate and the second substrate.

If (for purposes of illustration) we let the “first color of claim 1 be red, the “second color” be green, and the “third color” be blue, then the transfective liquid crystal display device of claim 1 would include **a first color filter comprising a red pattern comprising a red major portion in the red region, and red bumps in the green region and the blue region, a green pattern comprising a green major portion covering the red bumps in the green region to have uneven surface, and green bumps on the major portion of the red pattern in the red region, and a blue pattern covering the red bumps in the blue region to have uneven surface.** However, Wei does not disclose or suggest these features of claim 1.

Therefore, it is respectfully submitted that claim 1 is allowable over the cited reference. Inasmuch as claims 2-6 depend from claim 1, they are also allowable.

Amended Claim 7 recites (with emphasis added):

7. A transfective liquid crystal display device, comprising:
a first substrate and a second substrate opposite thereto;
a first color filter on the first substrate;
a reflective layer on part of the first color filter;
a second color filter on and directly adjacent to the reflective layer and the first color filter;
a transparent electrode on the second color filter;
a common electrode on an inner side of the second substrate; and
a liquid crystal layer between the first substrate and the second substrate.

It is clear that the transfective liquid crystal display device of claim 7 comprises a **second color filter on and directly adjacent to the reflective layer and the first color filter.**

However, the Wei reference states, at column 7, lines 4-14 (with emphasis added):

The second substrate 220 is provided with color filter elements 244 for displaying colors and a transparent electrode 246 such as an ITO electrode as a common electrode. It can be understood that, in any pixel region, ***the color filter element 244 of the second substrate 244 and the corresponding color filter layer 211 of the first substrate*** have the same color. Therefore, in the transmissive mode, light will pass through the color filter layer 211 on the passivation layer, the opening 212b of the reflective electrode and the color filter element 244 on the second substrate 220, and then arrive a viewer thereby obtaining a better color saturation.

Therefore, according to Wei, the second color filter 244 is disposed on the second substrate 220, and they are separated from the first color filter 211 by the liquid crystal layer 230 and the common electrode 246. Wei's transfective liquid crystal display device does not have a **second color filter on and directly adjacent to the reflective layer and the first color filter** in accordance with amended claim 7. Nor would the reference have given an ordinarily skilled person an incentive to modify Wei's arrangement so as to achieve what is recited in claim 7

Therefore, it is respectfully submitted that claim 7 is allowable over the cited reference. Since claims 8-11 depend from claim 7, they are also allowable.

New independent claim 21 recites that a first color filter comprises first, second, and third color patterns as in claim 1. It is therefore respectfully submitted that claim 21 is patentable over Wei for the reasons discussed above with respect to claim 1. Dependent claim 22 is patentable along with claim 21.

For the foregoing reasons, it is respectfully submitted that this application is now in condition for allowance. Reconsideration of the application is therefore respectfully requested.

Respectfully submitted,

A handwritten signature in cursive script that reads "Allen Wood". The signature is written in dark ink and is positioned above a horizontal line.

Allen Wood

Registration No. 28,134

Customer No. 23995

(202) 326-0222

(202) 408-0924 (facsimile)

(202) 408-5297 (facsimile)

IN THE DRAWINGS:

Please enter the three replacement sheets of drawings (Figures 5-9) that are attached to this Amendment.